**Complex Conjugates**

* The conjugate of is .
* The sign of the imaginary part changes.
* On an Argand diagram, and are reflections in the real axis.
* The product of a complex number and its conjugate is always real, and this is useful when dividing complex numbers.

**Questions**

1. Let and . Find: **a)** , **b)**

2) Calculate

Delta Ex 30.5 pg 281, Ex 30.6 pg 282